

Amendment to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1-13. (Cancelled)

14. (New)

A method of regulating active gibberellin synthesis in a plant, comprising the steps of:

1) Constructing an expression vector comprising an isolated gene selected from a group consisting of a gene having a nucleotide sequence set forth in SEQ. ID. No 1 containing a nucleotide sequence encoding MADS-domain, a gene having a nucleotide sequence set forth in SEQ. ID. No 2 containing a nucleotide sequence encoding MADS-domain and a gene encoding an amino acid sequence having at least 85% homology within the region other than MADS-domain;

2) Preparing a transformed *Agrobacterium* by transferring the expression vector constructed in Step 1);

3) Producing a transformed plant tissue by co-culturing the transformed *Agrobacterium* of step 2) with a plant tissue; and

4) Regenerating the transformed plant tissue into a mature transgenic plant.

15. (New)

The method of claim 14, wherein the plant tissue of step 3) of claim 14 is selected from a group consisting of food crops such as rice, wheat, barley, corns, soybean, potato, red bean, oat, sorghum vegetables such as Chinese cabbage, radish, red pepper, strawberry, tomato, watermelon, cucumber, cabbage, melon, pumpkin, spring onion, onion, carrot industrial crops such as ginseng, *Acanthopanax senticosus*, tobacco, cotton, sesame, sugar cane, sugar beet, *Perilla japonica*, peanut, rape fruits such as apple, pear, orange, jujube, peach, kiwifruit, grapes, tangerine, persimmon, plum, apricot, bananas; floricultural crops such as rose, gladiolus, gerbera, carnation, chrysanthemum, lily, tulip forage crops such as ryegrass, red clover, orchard grass, alfalfa, tall fescue, perennial ryegrass; fiber crops such as cotton plant and landscape plants such as flowers and shrubs.

16. (New)

The method of claim 14, wherein the transgenic plant of step 4) of claim 14 shows any of phenotypes selected from increase of germination speed, increase of germination rate, change of sepal into fruit flesh, delay of ripening and formation of parthenocarpic fruit.